

## ABSTRACT

5 The invention relates to a method of expressing proteins in higher eukaryotes *in vitro*. In general, the invention sets forth a method of expressing exogenous proteins as fusion partners with the immunoglobulin molecules of avian species specifically chickens. The technology involves, in one embodiment, retroviral-mediated gene transfer and transplantation of stem cells from the Bursa of Fabricius in chickens.